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Application No. 10/680,011	Prepared by	JB	Tracking Number	6017240
Examiner-GAU Lacy K-3736	Date	10/14/04	Week Date	9/27/04
	No. of queries	1	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	(p.) PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

a. Page Missing
b. Text Continuity
c. Holes through Data
d. Other Missing Text
e. Illegible Text
f. Duplicate Text
g. Brief Description
h. Sequence Listing
i. Appendix
j. Amendments
k. Other

CLAIMS

a. Claim(s) Missing
b. Improper Dependency
c. Duplicate Numbers
d. Incorrect Numbering
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f. Punctuation
g. Amendments
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known	
Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- D253,973	1/15/1980	Rosse	
		US- D309,354	7/17/1990	Rizzuto et al.	
		US- D411,333	6/22/1999	Smal	
		US- D424,742	5/9/2000	Hirata	
		US- 236,522	1/11/1881	Wilson	
		US- 278,944	6/5/1883	Hauce	
		US- 294,309	2/26/1884	Campbell	
		US- 1,455,696	5/15/1923	Wright	
		US- 2,155,282	4/18/1939	Schoenling	
		US- 3,228,845	1/11/1966	Najjar	
		US- 3,613,143	10/19/1971	Muhler et al.	
		US- 3,618,154	11/9/1971	Muhler et al.	
		US- 3,703,766	11/28/1972	Tibbals	
		US- 4,035,865	7/19/1977	McRae et al.	
		US- 4,143,126	3/6/1979	Gaffar	
		US- 4,151,850	5/1/1979	Nathe et al.	
		US- 4,242,567	12/30/1980	Carter	
		US- 4,477,716	10/16/1984	Thaler et al.	
		US- 4,500,939	2/19/1985	Gueret	

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Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]
		DE 19711676 A1	9/24/1998	Kim		
		DE 3120576 A1	1/5/1983	Segner		
		DE 19803175 A1	7/29/1999	Technomed Gesellschaft		
		EP 0 077600 A2	4/27/1983	Takimae		
		EP 1 086634 A1	3/28/2001	Create Co., Ltd		
		EP 0 0160320 A2	11/6/1985	E.I. Du Pont		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known	
Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

U. S. PATENT DOCUMENTS

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		US- 4,549,560	10/29/1985	Andis	
		US- 4,567,904	2/4/1986	Pitcher et al.	
		US- 4,610,925	9/9/1986	Bond	
		US- 4,739,151	4/19/1988	Smal	
		US- 4,740,669	4/26/1988	Takimae	
		US- 4,886,972	12/12/1989	Nakai et al.	
		US- 4,917,078	4/17/1990	Zaborowski	
		US- 5,056,227	10/15/1991	Kramer	
		US- 5,124,143	6/23/1992	Muhlemann et al.	
		US- 5,224,397	7/6/1993	Yoo	
		US- 5,266,304	11/30/1993	Baffelli et al.	
		US- 5,357,988	10/25/1994	Nakamura	
		US- 5,531,675	7/2/1996	Yoo	
		US- 5,787,525	8/4/1998	Sugihara et al.	
		US- 5,799,671	9/1/1998	Takimae	
		US- 5,848,599	12/15/1998	Todd	
		US- 5,891,473	4/6/1999	Stanier	
		US- 5,934,293	8/10/1999	Kaizuka	
		US- 5,935,483	8/10/1999	Kong	

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		GB 1210385	10/28/1970	Muntz		
		GB 2301772 A	12/18/1996	Tokyo Biox Corp		
		EP 0927544 B1	7/7/1999	Altshuler. Grigory. Borisovich		
		JP 03241025	10/28/1991	J PII U:KK		
		JP 03250088	11/7/1991	Toshio		
		JP 956472	3/4/1997			

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Sheet 4 of 4

Complete if Known	
Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

U. S. PATENT DOCUMENTS

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		JP 63238808	10/4/1988	Maeda Nobuhide		
		RU 2108299	4/10/1998	Georgievich		
		WO 02/058449 A2	8/1/2002	Hydro Enterprises		
		WO 02/058449 A3	8/1/2002	Hydro Enterprises		
		KR 0117366	7/18/1996	Kaisuka		

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Sheet 3 of 4

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Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

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		US- 5,987,688	11/23/1999	Roberts et al.	
		US- 6,029,277	2/29/2000	Picchione, II	
		US- 6,029,356	2/29/2000	Sprinkle	
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		US- 6,205,674	3/27/2001	Kaizuka	
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		JP 09121996	5/13/1997	Beam Kogoyo KK		
		JP 11056425	3/2/1999	Yoshida Kogyo:KK		
		JP 2000-128750	5/9/2000	Seniru Laboratories Co.		
		JP 2001288679	10/19/2001	Toray Ind Inc.		
		JP 2002-313855	10/25/2002			
		JP 63150011	6/22/1988	Daiyu Shoji KK		

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Sheet 1 of 1

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Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		SAKAMOTO, et al., Effect of a Toothbrush with Ion-coated Nylon Filaments on Gingival Tissue in Dogs and Dental Plaque Accmulation in a Man, 2002, pp. 221-228, J. Dent. Hlth. 52; Okayama Univ. School of Medicine, Japan	
		WATANABE, et al., A Clinical Study to Evaluate the Effectiveness of a Multi-mineral Nylon Abrasive Filament (NAF) Toothbrush; pp. 1-12, Okayama University School of Medicine, Japan	

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